WHAT IS CLAIMED IS:

1. A memory device comprising:

a memory cell including a plurality of active devices, which can be switched on by an applied threshold voltage;

a power line coupled to at least one storage node by at least one of the active devices; and

a virtual ground coupled to the at least one storage node by at least one other of the active devices;

wherein potentials of the power line and the virtual ground cause the plurality of active devices to be selectively operated in near subthreshold and/or superthreshold regimes in accordance with a mode of operation.

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- 2. The device as recited in claim 1, wherein the mode of operation includes one of a standby mode and an access mode.
- The device as recited in claim 2, wherein the

virtual ground is de-coupled from a global ground through a first device such that cell leakage from the cell raises the potential of the virtual ground during standby mode to reduce storage node leakage.

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4. The device as recited in claim 2, wherein the virtual ground is connected to a global ground through a first device to increase a difference in potential during access mode operations.

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5. The device as recited in claim 1, wherein the power line is boosted above a supply voltage by capacitive coupling to a wordline.

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6. The device as recited in claim 5, wherein the mode of operation includes an access mode and a voltage difference between a boosted supply voltage and a ground is greater than or equal to about 3 times a threshold voltage of the active devices.

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- 7. The device as recited in claim 1, wherein the mode of operation includes a standby mode and a voltage difference between a supply voltage and the virtual ground is less than or equal to about two times a threshold voltage of the active devices.
- 8. The device as recited in claim 1, wherein the device includes a static random access memory.
- 9. The device as recited in claim 1, wherein the plurality of actives devices includes six transistors.
 - 10. The device as recited in claim 1, wherein near subthreshold operation includes subthreshold operation.
 - 11. A static random access memory device comprising:

 a memory cell including a plurality of transistors,

 which are active with an applied threshold voltage;
- a power line coupled to storage nodes by first transistors; and

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a virtual ground coupled to the storage nodes by second transistors;

wherein potentials of the power line and the virtual ground selectively cause the plurality of transistors to be operated in near subthreshold and/or superthreshold regimes in accordance with a mode of operation.

- 12. The device as recited in claim 11, wherein the mode of operation includes one of a standby mode and an access mode.
- 13. The device as recited in claim 12, wherein the virtual ground is de-coupled from a global ground through a third device such that cell leakage from the cell raises the potential of the virtual ground during standby mode to reduce storage node leakage.
- 14. The device as recited in claim 12, wherein the virtual ground is connected to a global ground through a fourth device to increase a difference in potential during

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access mode operations.

- 15. The device as recited in claim 11, wherein the power line is boosted above a supply voltage by capacitive coupling to a wordline.
- 16. The device as recited in claim 15, wherein the mode of operation includes an access mode and a voltage difference between a boosted supply voltage and a ground is greater than or equal to about 3 times a threshold voltage of the plurality of transistors.
- 17. The device as recited in claim 11, wherein the mode of operation includes a standby mode and a voltage difference between a supply voltage and the virtual ground is less than or equal to about two times a threshold voltage of the plurality of transistors.
- 18. The device as recited in claim 11, wherein the plurality of transistors includes six transistors.

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- 19. The device as recited in claim 11, wherein near subthreshold operation includes subthreshold operation.
- 20. A method for operating a transregional static random access memory (SRAM) device, comprising the steps of:

providing a virtual ground in an SRAM cell, which is selectively decoupled from a global ground by a first device;

providing a powerline which is capacitively coupled to a wordline such that power is boosted above a supply voltage when the wordline is activated; and

maintaining a voltage difference between the power line and one of the virtual ground and the ground to selectively operate devices of the SRAM in a near subthreshold or superthreshold regime in accordance with a mode of operation.

21. The method as recited in claim 20, wherein the

step of maintaining includes the step of maintaining a voltage difference between the power line and the virtual of less than or equal to about 2 times the threshold voltage of the devices during a standby mode.

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22. The method as recited in claim 20, wherein the step of maintaining includes the step of maintaining a voltage difference between the power line and the global ground of greater than or equal to about 3 times the threshold voltage of the devices in an access mode.

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23. The method as recited in claim 20, wherein the step of providing a virtual ground in an SRAM cell which is selectively decoupled from a global ground by a first device includes coupling the global ground to the virtual ground during an access mode.

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24. The method as recited in claim 20, wherein the step of providing a virtual ground in an SRAM cell, which is selectively decoupled from a global ground by a first

device, includes restoring the virtual ground to a nonzero potential during a standby mode.

25. The method as recited in claim 20, wherein the near subthreshold operation of the devices is associated with a standby mode and a superthreshold operation of the devices is associated with an access mode.